Windows 7 ESU

Windows 7 ESU is not currently purchased directly through Vuzion CORE, though an upcoming update is planned to enable software subscriptions to be purchased through CORE. For the time being, in order to purchase a software subscription such as Windows 7 ESU, you would need to contact your account manager who will then be able to purchase it and provide you with the product key.

Installation prerequisites

The following steps must be completed before installing and activating ESU keys:

1. Install the following SHA-2 code signing support update and servicing stack update (SSU) or a later SSU:

   Windows 7 SP1:
   Servicing stack update for Windows 7 SP1 March 12, 2019
   and
   SHA-2 code signing support update for Windows 7

2. Install the following SSU *and* monthly rollup:

   Windows 7 SP1:
   Servicing stack update for Windows 7 SP1 September 10, 2019 (KB4516655)
   and
   October 8, 2019: Monthly Rollup (KB4519976)

3. Once activated, continue to use your current update and servicing strategy to deploy ESU through Windows Update, Windows Server Update Services (WSUS), Microsoft Update Catalog, or whichever patch management solution you prefer.

## Installation and activation

Once you have addressed the prerequisites, you're ready to install and activate Extended Security Updates for machines connected to the internet.

First, install the ESU product key using the Windows Software Licensing Management

Tool (slmgr):

Note: Installing the ESU product key will not replace the current OS activation method being used on the device. This is achieved by using the Activation ID to differentiate between the operating system's activation and the ESU activation.

1. Open an elevated Command Prompt.
2. Type **slmgr /ipk** and select **Enter**.
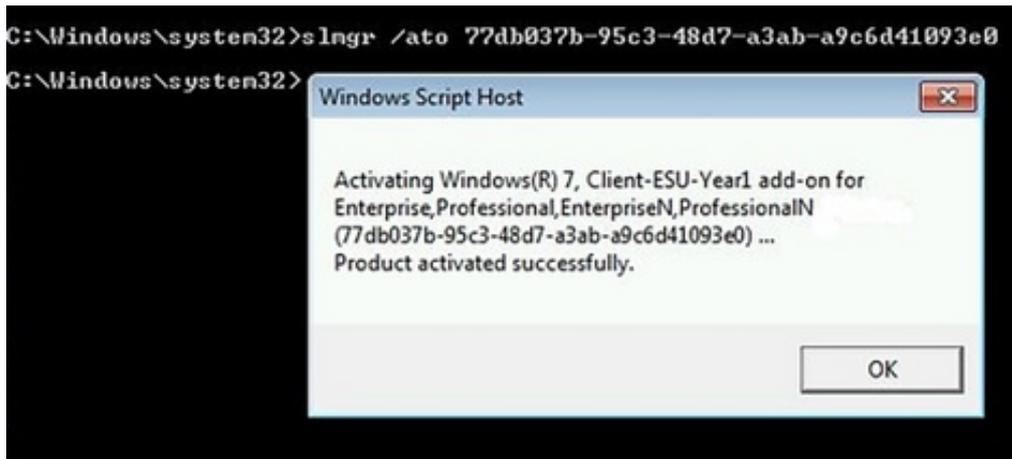3. If the product key installed successfully, you will see a message similar to the following:
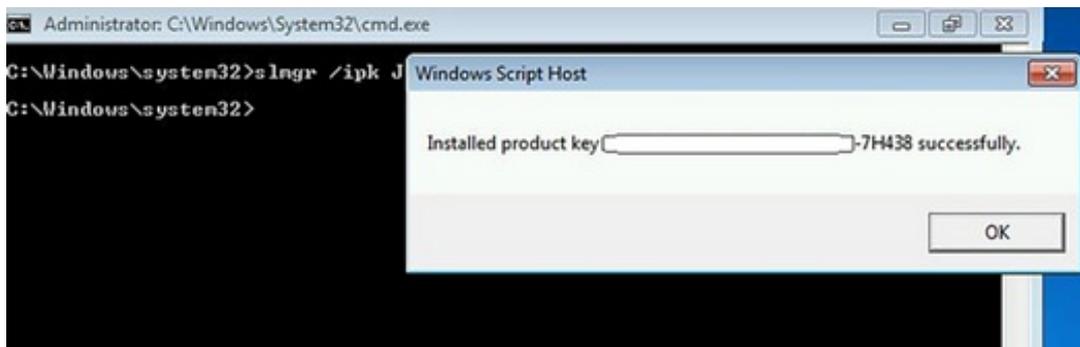
Next, find the ESU Activation ID:

1. In the elevated Command Prompt, type **slmgr /dlv** and select **Enter**.
2. Note the **Activation ID** as you will need it in the next step.
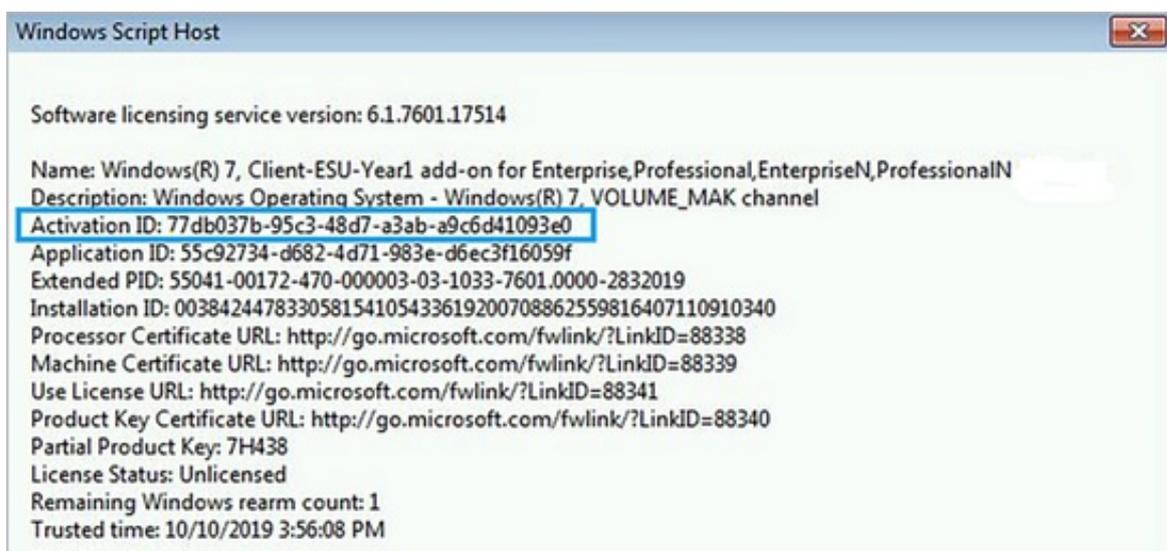
Now, you'll activate the ESU product key:

1. Open an elevated Command Prompt.
2. Type **slmgr /ato** and press **Enter**.

The following table outlines possible values for the:

Windows 7 SP1 (Client)	ESU SKU (or Activation) ID
Year 1	77db037b-95c3-48d7-a3ab-a9c6d41093e0
Year 2	0e00c25d-8795-4fb7-9572-3803d91b6880
Year 3	4220f546-f522-46df-8202-4d07afd26454

Once you have activated the ESU product key, you can verify the status at any time by following these steps:

1. Open an elevated Command Prompt.
2. Type **slmgr /dlv** and select **Enter**.
3. Verify Licensed Status shows as Licensed for the corresponding ESU program, as shown below:

```
Windows Script Host

Software licensing service version: 6.1.7601.17514

Name: Windows(R) 7, Client-ESU-Year1 add-on for Enterprise,Professional,EnterpriseN,ProfessionalN
Description: Windows Operating System - Windows(R) 7, VOLUME_MAK channel
Activation ID: 77db037b-95c3-48d7-a3ab-a9c6d41093e0
Application ID: 55c92734-d682-4d71-983e-d6ec3f16059f
Extended PID: 55041-00172-470-000003-03-1033-7601.0000-2832019
Installation ID: 00384244783305815410543361920070886255981640711091 0340
Processor Certificate URL: http://go.microsoft.com/fwlink/?LinkID=88338
Machine Certificate URL: http://go.microsoft.com/fwlink/?LinkID=88339
Use License URL: http://go.microsoft.com/fwlink/?LinkID=88341
Product Key Certificate URL: http://go.microsoft.com/fwlink/?LinkID=88340
Partial Product Key: 7H438
License Status: Licensed
Remaining Windows rearm count: 1
Trusted time: 10/10/2019 3:58:48 PM
```

Note: We recommend using a management tool, such as System Center Configuration Manager, to send the slmgr scripts to your enterprise devices.

To install and activate ESU for machines that are **not** connected to the Internet, you will need to follow these steps:

1. Download and install the Volume Activation Management Tool (VAMT).
2. Download the VAMT- ESU configuration file and update your VAMT configuration file.
3. Configure the client device's firewall for VAMT.
4. Add the ESU product key to VAMT.

For systems that will not connect to the internet for activation, you can use the VAMT to perform proxy activation; however, KB4519972 must first be installed.

If you use the VAMT for Activation, the tool has the ability to pick up the activation ID as shown below:

Volume Activation Management Tool

File   Action   View   Help

Volume Activation Management Tool
  Products
    Office
    Windows
  Product Keys
  Active Directory-Based Activation
  Volume Licensing Reports
    At Risk Products Report
    Duplicate Client Machine ID Report
    Multiple Activation Key Usage Report
    Not Activated Product Report
    Volume Activations by Type

Windows

Group by: Product ▼

Windows (13)

Computer Name▲	Product Name	Product Key T...	License Status	Genuine Status	Status of Last Action	Date of Last License Stat
AZUREWIN7.R61156518DOM.net	Windows(R) 7, Enterprise edition	GVLK	Out of box gra...	Genuine	Successfully updated the product informati...	10/14/2019 6:43:27 PM
AZUREWIN7.R61156518DOM.net	Windows(R) 7, Client-ESU-Year1 a...	MAK	Unlicensed	Genuine	Successfully installed the product key.	10/14/2019 6:43:27 PM
ONPREMWIN7-1.R61156518DOM....	Windows(R) 7, Enterprise edition	GVLK	Licensed	Genuine	Successfully updated the product informati...	10/14/2019 6:43:46 PM
ONPREMWIN7-1.R61156518DOM....	Windows(R) 7, Client-ESU-Year1 a...	MAK	Licensed	Genuine	Successfully installed the product key.	10/14/2019 6:43:46 PM
ONPREMWIN7-2.R61156518DOM....	Windows(R) 7, Enterprise edition	GVLK	Licensed	Genuine	Successfully updated the product informati...	10/14/2019 6:43:46 PM
ONPREMWIN7-2.R61156518DOM....	Windows(R) 7, Client-ESU-Year1 a...	MAK	Unlicensed	Genuine	Successfully installed the product key.	10/14/2019 6:43:46 PM
ONPREMWIN7-3.R61156518DOM....	Windows(R) 7, Enterprise edition	GVLK	Licensed	Genuine	Successfully updated the product informati...	10/14/2019 6:44:03 PM
ONPREMWIN7-3.R61156518DOM....	Windows(R) 7, Client-ESU-Year1 a...	MAK	Unlicensed	Genuine	Successfully installed the product key.	10/14/2019 6:44:03 PM
ONPREMWIN7-4.R61156518DOM....	Windows(R) 7, Enterprise edition	GVLK	Unlicensed	Genuine	Successfully updated the product informati...	10/14/2019 6:43:44 PM
ONPREMWIN7-4.R61156518DOM....	Windows(R) 7, Client-ESU-Year1 a...	MAK	Unlicensed	Genuine	Successfully installed the product key.	10/14/2019 6:43:44 PM
R61156518			Unknown	Not available		Not available
R61156520			Unknown	Not available		Not available
R61159142			Unknown	Not available		Not available

Context menu:
Update license status   ▶
Install product key...
Activate   ▶
   Online activate   ▶
   Proxy activate...
Delete
Help

Product Details:

Fully qualified domain name:
Product name:
Product version:
Product ID:

Installation ID:
Pending CID:

License status:
Genuine status:
License status reason:
License expiration date:

Last action status:
License status last refreshed:

Activate product.

Actions

Windows
Discover products...
Import list...
Export list...
Filter...
Clear filter
Refresh current view from database
Expand all groups
Collapse all groups
View   ▶
Help   ▶

Selected Items
Update license status   ▶
Install product key...
Activate   ▶
Delete
Help